

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015516.D
 Acq On : 15 Apr 2020 18:18
 Operator : SY/MD
 Sample : L2274-15DL 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:45:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109301	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	100877	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	28839	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	25519	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.12	63	40658	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	3.94	46	77330	48.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.12%
24) Chloroform-d	4.38	84	57269	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.06	65	32606	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.08	84	114542	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
36) 1,2-Dichloropropane-d6	6.09	67	36049	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.34	98	103076	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
43) trans-1,3-Dichloropropene-	7.64	79	13830	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.11	63	62020	42.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.84%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	23929	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	37453	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

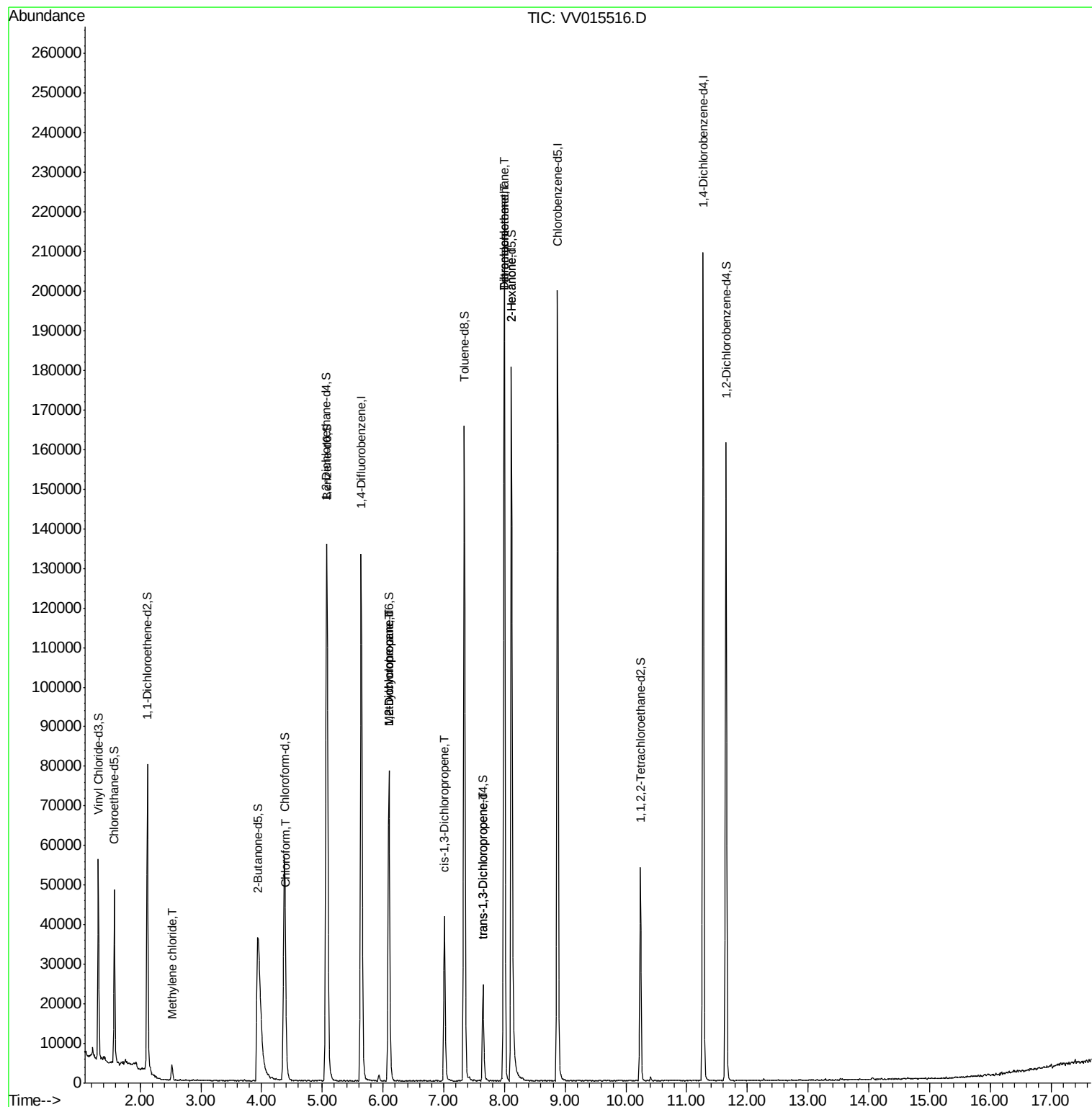
					Ovalue
16) Methylene chloride	2.52	84	1614	0.201 ug/L	93
25) Chloroform	4.40	83	2122	0.142 ug/L	95
35) Methylcyclohexane	6.10	83	8863	0.647 ug/L #	16
37) 1,2-Dichloropropane	6.09	63	4525	0.604 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1183	0.103 ug/L	87
44) trans-1,3-Dichloropropene	7.65	75	544	0.056 ug/L #	80
47) Tetrachloroethene	8.00	164	44800	7.441 ug/L	96
48) 2-Hexanone	8.11	43	8980	2.614 ug/L #	75
49) Dibromochloromethane	8.00	129	43989	7.295 ug/L #	10

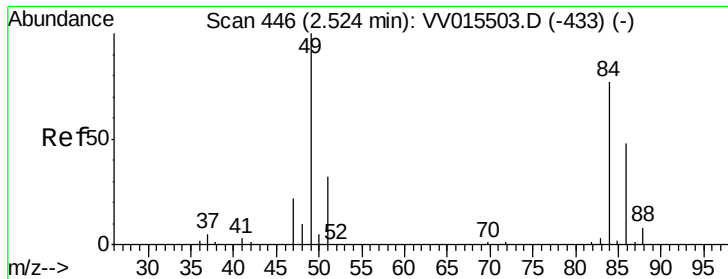
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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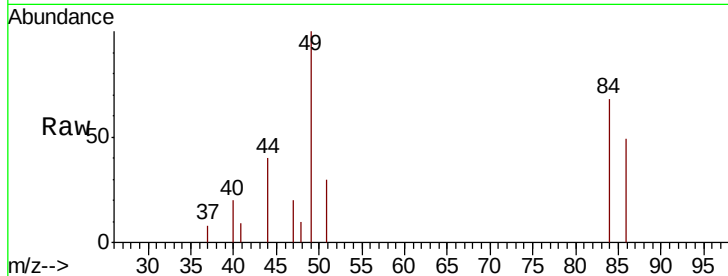




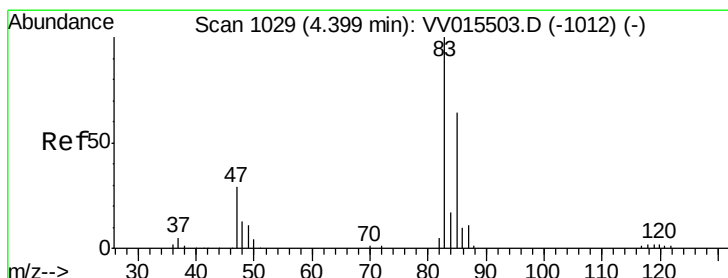
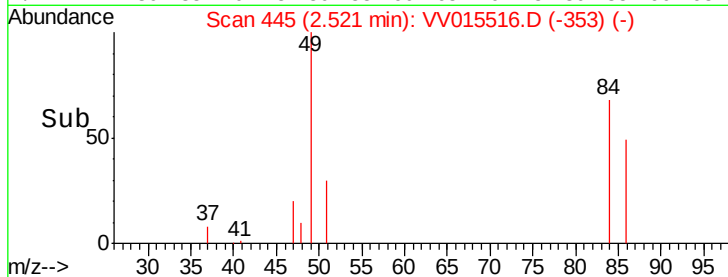
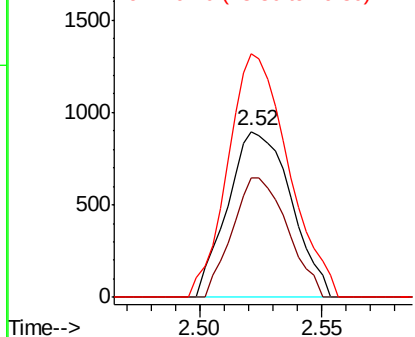
#16
Methylene chloride
Concen: 0.201 ug/L
RT: 2.52 min Scan# 445
Delta R.T. -0.00 min
Lab File: VV015516.D
Acq: 15 Apr 2020 18:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 1614
Ion Ratio Lower Upper
84 100
86 71.6 45.1 83.7
49 146.7 97.9 181.7

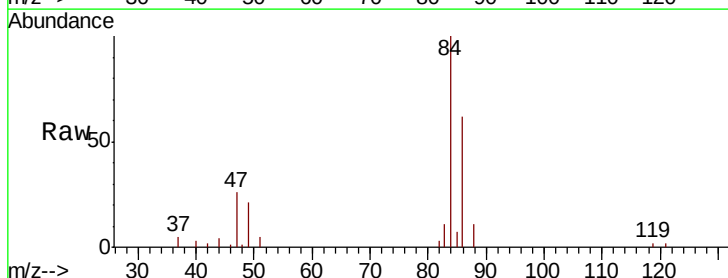


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

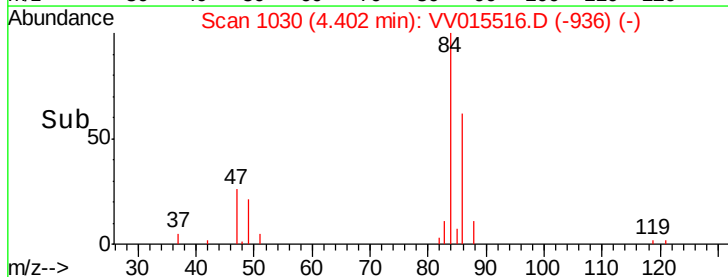
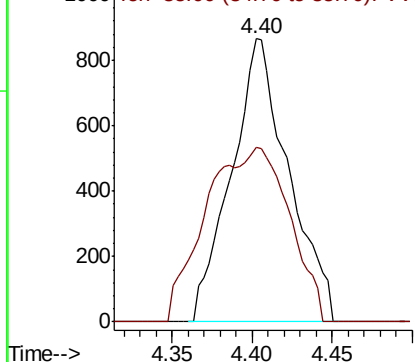


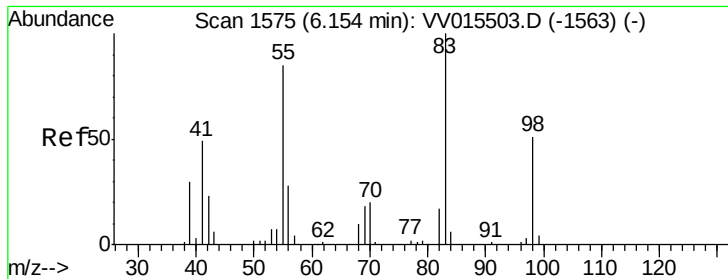
#25
Chloroform
Concen: 0.142 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015516.D
Acq: 15 Apr 2020 18:18

Tgt Ion: 83 Resp: 2122
Ion Ratio Lower Upper
83 100
85 61.5 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0





#35

Methylcyclohexane

Concen: 0.647 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.06 min

Lab File: VV015516.D

Acq: 15 Apr 2020 18:18

Instrument :
MSVOA_V
ClientSampled :

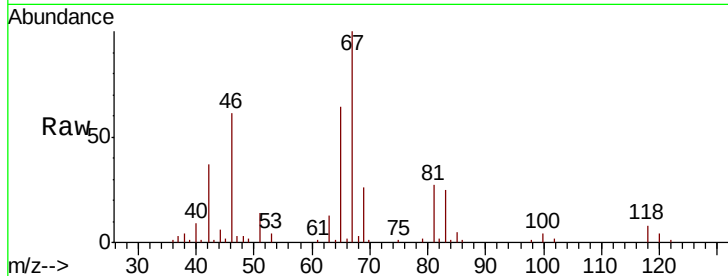
Tot Ion: 83 Resp: 8863

Ion Ratio Lower Upper

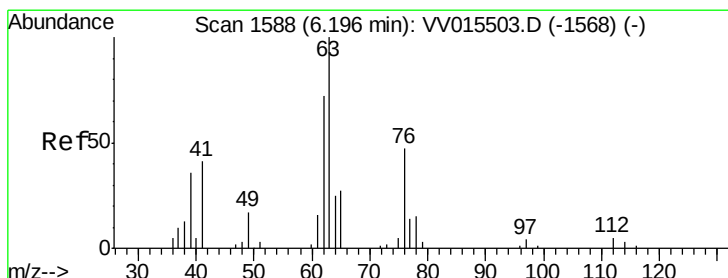
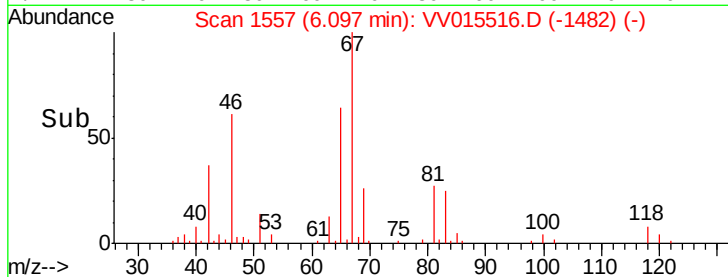
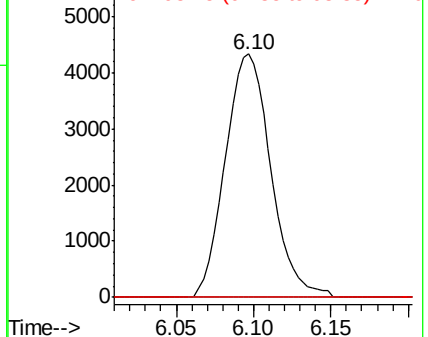
83 100

55 0.0 66.6 99.8#

98 0.5 38.7 58.1#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.604 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV015516.D

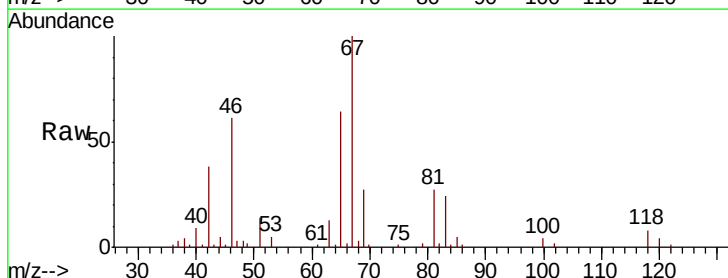
Acq: 15 Apr 2020 18:18

Tgt Ion: 63 Resp: 4525

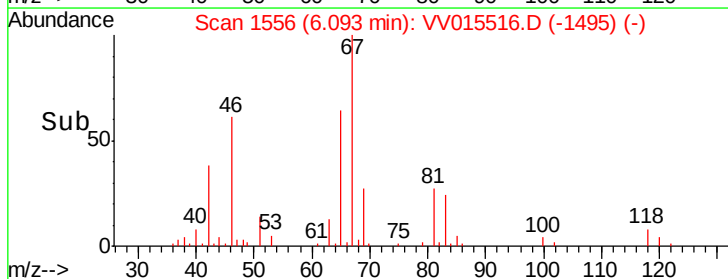
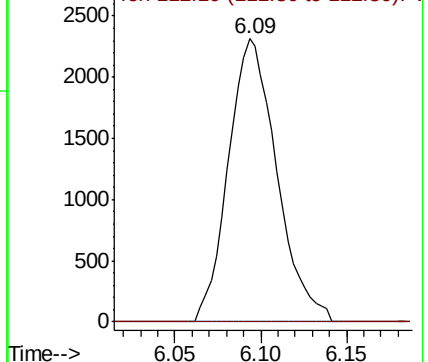
Ion Ratio Lower Upper

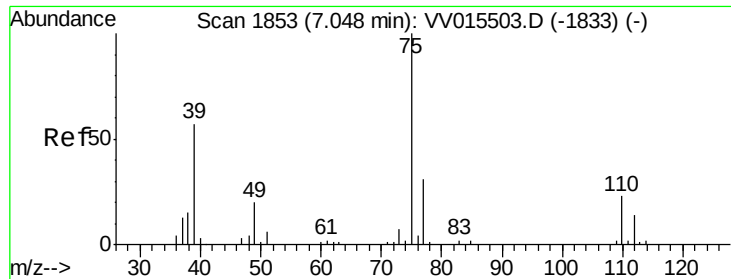
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

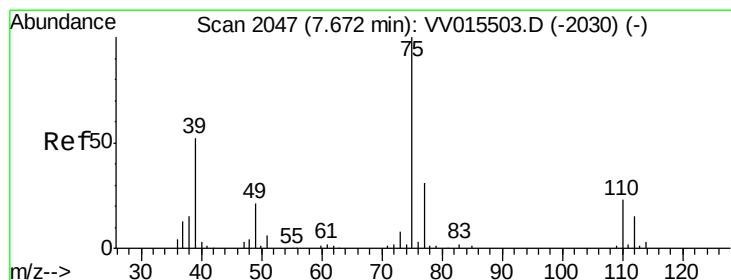
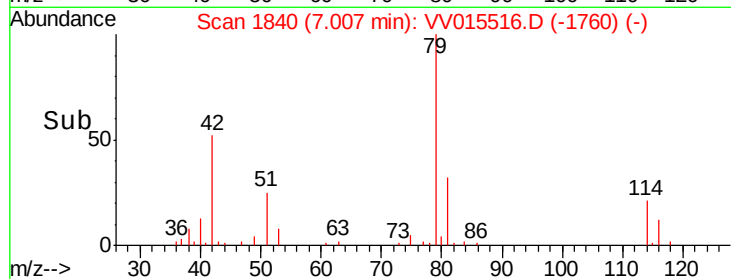
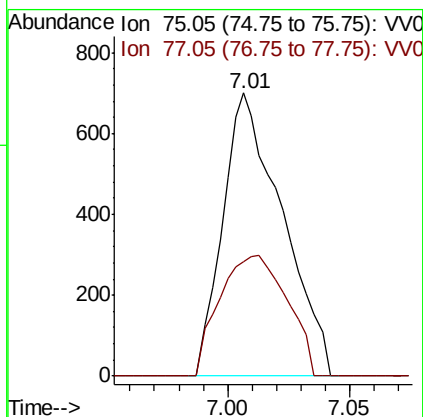
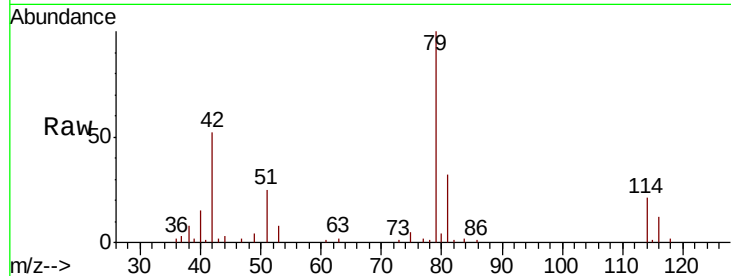




#39
 cis-1,3-Dichloropropene
 Concen: 0.103 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015516.D
 Acq: 15 Apr 2020 18:18

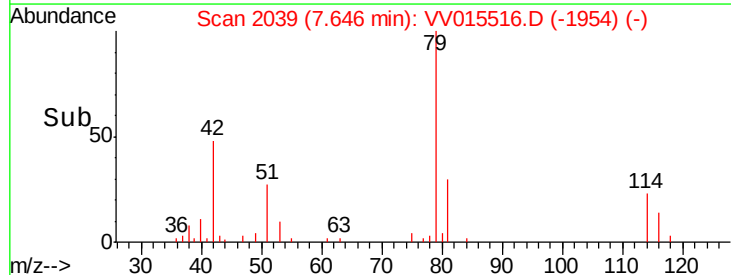
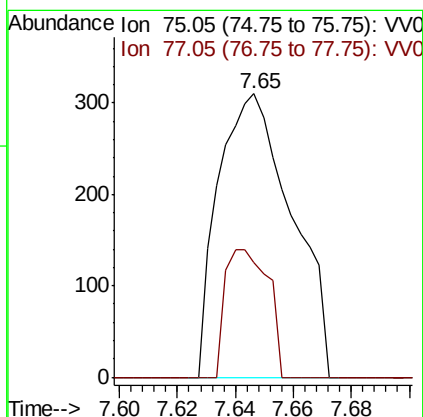
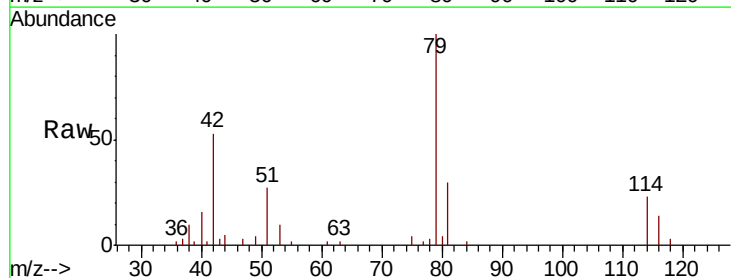
Instrument :
 MSVOA_V
 ClientSampleId :

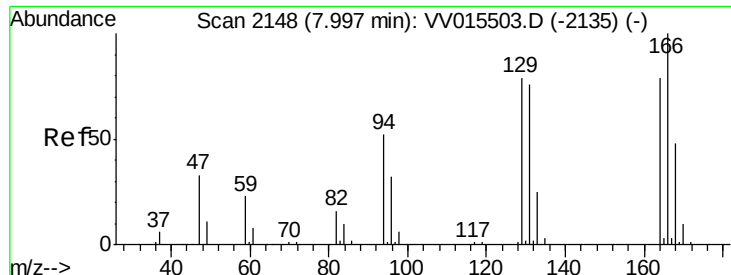
Tot Ion: 75 Resp: 1183
 Ion Ratio Lower Upper
 75 100
 77 40.3 23.0 42.6



#44
 trans-1,3-Dichloropropene
 Concen: 0.056 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015516.D
 Acq: 15 Apr 2020 18:18

Tgt Ion: 75 Resp: 544
 Ion Ratio Lower Upper
 75 100
 77 40.6 21.0 39.0#

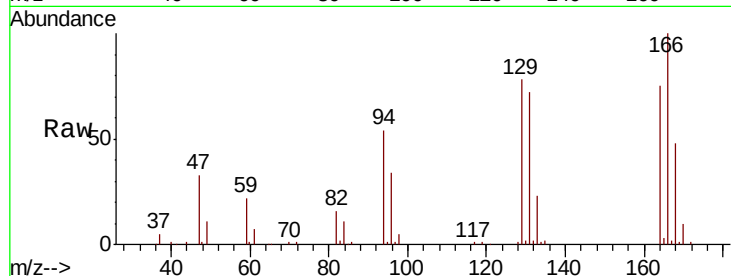




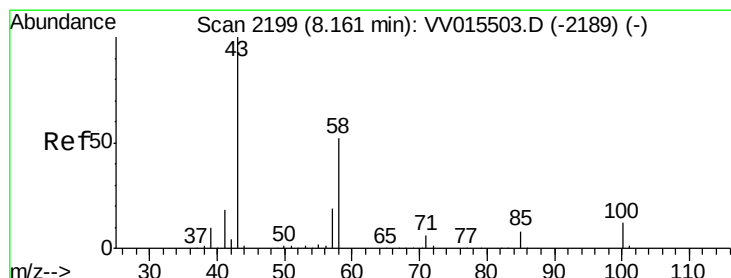
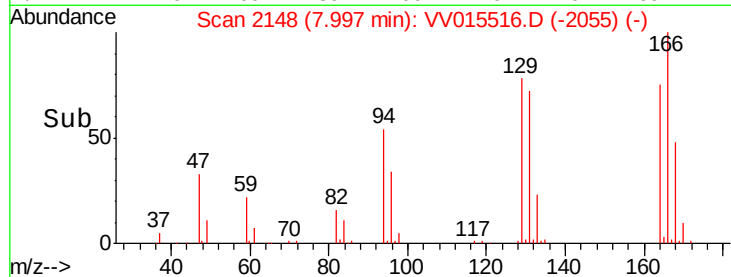
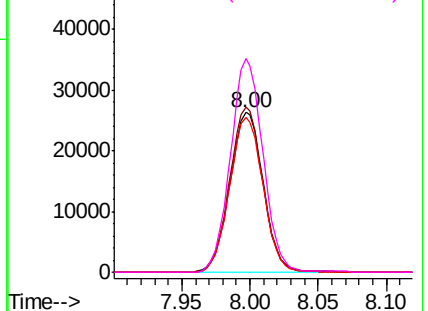
#47
Tetrachloroethene
Concen: 7.441 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. 0.00 min
Lab File: VV015516.D
Acq: 15 Apr 2020 18:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 44800
Ion Ratio Lower Upper
164 100
129 103.7 70.6 131.0
131 96.9 68.3 126.8
166 133.7 88.3 163.9

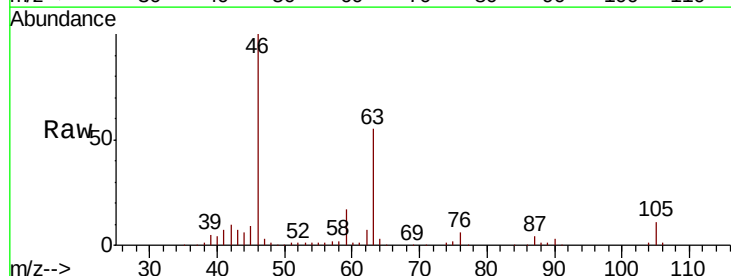


Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V

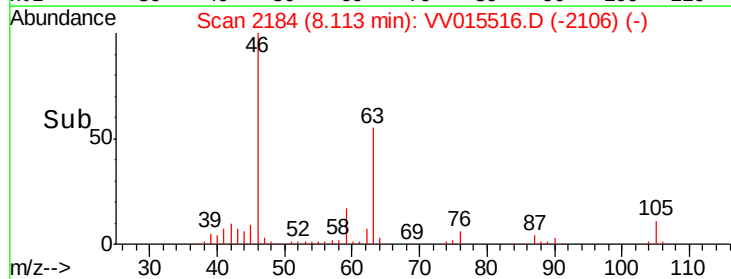
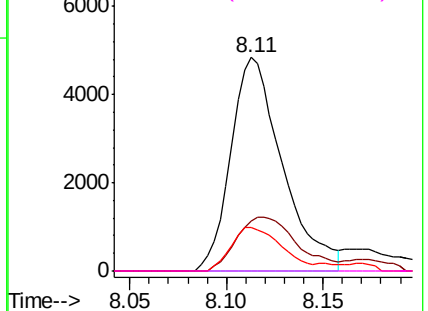


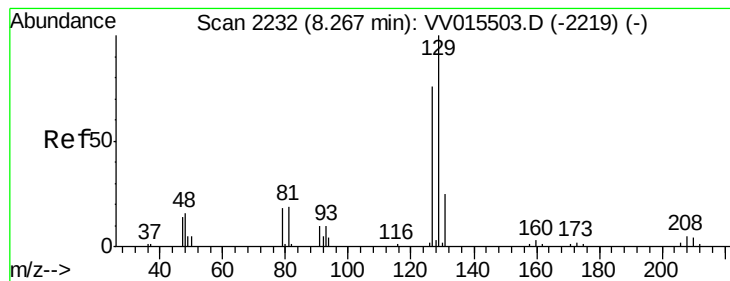
#48
2-Hexanone
Concen: 2.614 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015516.D
Acq: 15 Apr 2020 18:18

Tgt Ion: 43 Resp: 8980
Ion Ratio Lower Upper
43 100
58 29.6 41.4 62.0#
57 19.9 15.0 22.4
100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0





#49

Dibromochloromethane

Concen: 7.295 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015516.D

Acq: 15 Apr 2020 18:18

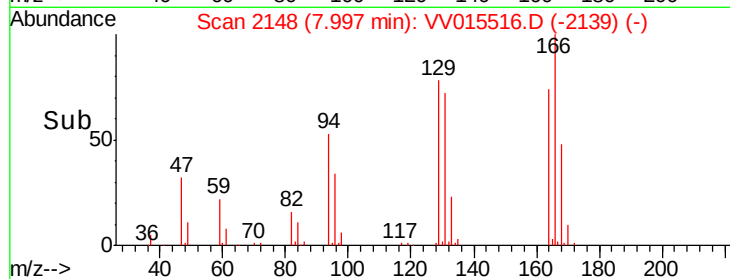
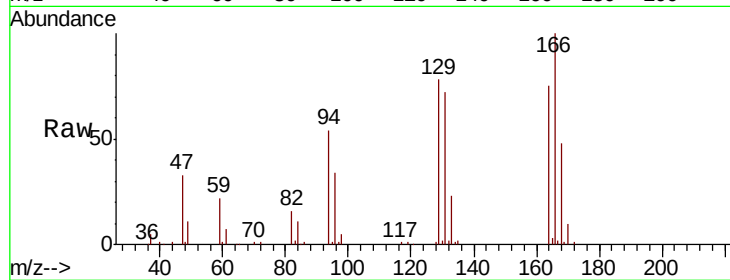
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:129 Resp: 43989

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V
Ion 126.90 (126.60 to 127.60): V

